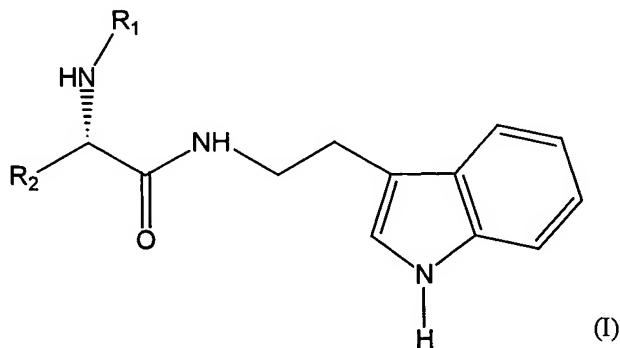


Amendments to the Claims

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A pseudodipeptide of Pseudodipeptide characterized in that it has the following general formula (I):



in which:

- [[-]] R_1 represents a hydrogen atom, an acyl radical or an acyloxy radical, and
[[-]] R_2 represents the side chain of an alpha-amino acid chosen among selected from the group consisting of L-glutamic acid, L-arginine, L-cysteine, L-methionine, L-histidine, L-tryptophan, and L-tyrosine.

2. (Currently Amended) Pseudodipeptide The pseudodipeptide according to the claim 1, characterized in that it is the selected from the group consisting of alpha-L-glutamyltryptamine, L-methionyltryptamine and L-tryptophantryptamine.

3. (Currently Amended) Pseudodipeptide The pseudodipeptide according to claim 1 claims 1 or 2, characterized in that it which is the alpha-L-glutamyltryptamine.

4. (Currently Amended) Pseudodipeptide The pseudodipeptide according to claim 1, wherein characterized in that R₁ represents an acetyl or ter-butyloxycarbonyl tert-butyloxycarbonyl radical, and R₂ represents the side chain of an alpha-amino acid chosen among selected from the group consisting of L-glutamic acid, L-methionine and L-tryptophan.

5. (Currently Amended) Analog of the pseudodipeptide according to the claim 3 An analog of alpha-L-glutamyltryptamine resulting from the intramolecular cyclisation of the glutamic radical in of said alpha-L-glutamyltryptamine into a pyroglutamic radical.

6. (Currently Amended) Chemical A process for the preparation of the pseudodipeptide a pseudodipeptide according to one of the claims 1 to 4, the said process claim 1 comprising the following steps:

- a) protecting protection of the alpha-amino function of the L-amino an alpha-L-amino acid with an acyl or acyloxy radical,
- b) coupling of the N-protected L-aminoacid alpha-L-amino acid to tryptamine, and
- c) removal or not of optionally removing the N-protecting group according to the seeked pseudodipeptide.

7. (Currently Amended) The process Process according to the claim 6, in which wherein the L-alpha amino acid is the glutamic acid and in which step a) is followed prior to step b) with an esterification the step of esterifying the gamma-carboxylic function of said glutamic acid with an alkyl radical.

8. (Currently Amended) The process Process according to the claim 6, in which the N-protecting group is groups are chosen among acetyl or ter-butyloxycarbonyl radicals.

9. (Currently Amended) ~~Neurocosmetic A neurocosmetic comprising characterized in that it contains a pseudodipeptide of general formula defined according to claim 1 one of the claims 1 to 5, in combination with one or several appropriated more cosmetically appropriate excipients.~~

10. (Canceled).

11. (Canceled).

12. (Canceled).

13. (Canceled).

14. (New) A method of protecting cutaneous nervous cells from the cytotoxic effects of ultra-violet radiation comprising administering to an individual or to cutaneous nervous cells from an individual a pseudodipeptide according to claim 1.

15. (New) A method of delaying neurodegeneration comprising administering to an individual or to cells from an individual a pseudodipeptide according to claim 1.

16. (New) A method of inhibiting neurogenic inflammation comprising administering to an individual or to cells from an individual a pseudodipeptide according to claim 1.

17. (New) A method of stimulating cutaneous immune cells comprising administering to an individual or to immune cells from an individual a pseudodipeptide according to claim 1.